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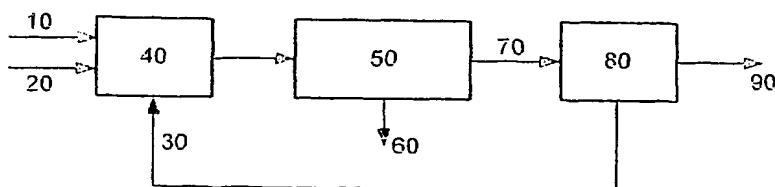
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(54) Title: INTEGRATED PROCESS FOR THE PRODUCTION OF OLEFIN DERIVATIVES



(57) Abstract: The present invention provides a process for the production of an olefin derivative, which process comprises the steps of: (a) cracking a paraffinic hydrocarbon containing feedstock to produce a first dilute olefins stream comprising both olefins and alkanes, (b) reacting at least a portion of said first dilute olefins stream produced in step (a) to produce a first olefin derivative stream, comprising a first olefin derivative, and a second dilute olefins stream, comprising alkanes and at least 5 mol % unreacted olefins, (c) auto-thermally cracking at least a portion of said second dilute olefins stream produced in step (b), said portion comprising alkanes and at least 5 mol % unreacted olefins.

WO 2004/087838 A1



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